

# **WIDEBAND MULTI-PROTOCOL WIRELESS RADIO TRANSCEIVER SYSTEM**

## **Abstract of Disclosure**

A wideband radio transceiver system that features a wideband RF section and a flexible and scalable baseband signal processing section. The transceiver system architecture has configurable baseband processing to process signals for multiple communication protocol standards, or multiple instances of the same communication protocol standard, that operate over the same frequency band. Optional additional features include a transmit carrier suppressor and transmit interference canceller to suppress the effects of a transmit signal on receive signal processing when signals are being transmitted and received simultaneously.

## Figures